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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hiroshi SAKAI, et al.

Examiner: Kevin L. McHenry

Serial No.: 10/063,915

Art Unit: 1725

Filed: May 23, 2002

Docket: 15574

For: SOLDER PASTE PRINTING METHOD
AND APPARATUS FOR PRINTING
SOLDER PASTE ON A BOARD ON WHICH
WIRING PATTERNS ARE FORMED

Dated: October 9, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Laid-Open Patent Application No. 5-96842, dated April 20, 1993;
2. Japanese Laid-Open Patent Application No. 11-1325, dated January 6, 1999;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 9, 2003.

Dated: October 9, 2003


Paul J. Esatto, Jr.

Adjustment Date: 03/25/2004 SDIRETA1
E/08/2003 JTUNSTAL 00000001 191013 10063915
01 FC:1606 160.00 CR

400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343 - Telephone
(516) 742-4366 - Facsimile
e-mail: intprop@ssmp.com

**SCULLY, SCOTT, MURPHY
& PRESSER****Fax**

To: U.S. Patent and Trademark Office Deposit Account Refunds	From: Anna Eberle for Paul J. Esatto, Jr.
Fax: 703-308-5077	Pages:
Phone:	Date: 3/17/2004
Re: Hiroshi Sakai, et al. USSN: 10/063,915 Filed: May 23, 2002 Our Docket: 15574	CC:
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Reply <input type="checkbox"/> Please Recycle	

• **Comments:**

It is requested that the \$180.00 fee for the Information Disclosure Statement filed on October 14, 2003 be refunded. The Information Disclosure Statement was filed within three months of the foreign Office Action dated August 26, 2003 and a Statement was enclosed to that effect. The Office Action dated May 20, 2003 was non-final and therefore, the \$180.00 fee was not required. The Notice of Allowance was dated December 5, 2003, well after the filing date of the IDS. Please refund the \$180.00 fee, which was charged to deposit account 19-1013 on December 8, 2003. Copies of the deposit account statement, first two pages of Office Action, IDS AND Statement, Notice of Allowance and postcard are enclosed. Please credit the deposit account 19-1013 with the \$180.00 fee. Thank you.

CONFIDENTIALITY: The documents accompanying this facsimile transmission may contain information which is either confidential or legally privileged and is intended only for the authorized use of the individual or entity named above without right or publication or republication, dissemination or disclosure except as expressly set forth or established by course of dealing. All rights are reserved. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this facsimile is prohibited. If you received this transmission in error, please notify us immediately by telephone to arrange for return of the documents.

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Deposit Account Statement

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Patent and
Trademark Office

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PageDeposit Account Statement

Requested Statement Month: December 2003
 Deposit Account Number: 191013
 Name: SCULLY, SCOTT, MURPHY & PRESSER
 Attention: DEBORAH SHEEHAN
 Address: A PROFESSIONAL CORPORATION
 City: GARDEN CITY
 State: NY
 Zip: 11530-0299

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
12/01	411	78203961	127/1000	8521	\$40.00	\$27,680.88
12/01	412	78203968	127/1000	8522	\$25.00	\$27,655.88
12/01	413	1810686	127/1000	8522	\$25.00	\$27,630.88
12/01	414	2176020	127/1000	8522	\$25.00	\$27,605.88
12/01	415	2179918	127/1000	8522	\$25.00	\$27,580.88
12/03	1	09966884	A0000336-01-	2252	\$410.00	\$27,170.88
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12/10	2	09781977	14328	1202	\$36.00	\$22,288.88

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
15574In the Application Of: **Hiroshi SAKAI, et al.**Serial No.
10/063,915Filing Date
May 23, 2002Examiner
Kevin L. McHenryGroup Art Unit
1725Title: **SOLDER PASTE PRINTING METHOD AND APPARATUS FOR PRINTING
SOLDER PASTE ON A BOARD ON WHICH WIRING PATTERNS ARE FORMED**Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☒ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
15574In Re Application: **HIROSHI SAKAI, et al.**

Serial No.

10/063,915

Filing Date

May 23, 2002

Examiner

Kevin L. McHenry

Group Art Unit

1725

**SOLDER PASTE PRINTING METHOD AND APPARATUS FOR PRINTING
SOLDER PASTE ON A BOARD ON WHICH WIRING PATTERNS ARE FORMED****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **19-1013/SSMP** as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (U.S. Patent and Trademark Office).

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Paul J. Esatto, Jr.

Registration No. 30,749

SCULLY, SCOTT, MURPHY & PRESSER

400 Garden City Plaza

Garden City, NY 11530

(516) 742-4343

PJE:AVS:jap

cc:

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on October 9, 2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Paul J. Esatto, Jr.

Typed or Printed Name

Dated: October 9, 2003

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants: **HIRASAKAI, et al.**Examiner: **Kevin L. McHenry**Serial No.: **10/063,915**Art Unit: **1725**Filed: **May 28, 2002**Docket: **15574**For: **SOLDER PASTE PRINTING METHOD
AND APPARATUS FOR PRINTING
SOLDER PASTE ON A BOARD ON WHICH
WIRING PATTERNS ARE FORMED**Dated: **October 9, 2003**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT**

Sir:

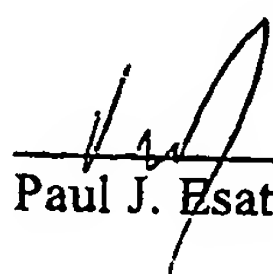
In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Laid-Open Patent Application No. 5-96842, dated April 20, 1993;
2. Japanese Laid-Open Patent Application No. 11-1325, dated January 6, 1999;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 9, 2003.

Dated: October 9, 2003


Paul J. Esatto, Jr.

3. Japanese Laid-Open Patent Application No. 9-62146, dated March 7, 1997;
4. Japanese Laid-Open Patent Application No. 11-347789, dated December 21, 1999; and
5. Japanese Laid-Open Patent Application No. 11-300492, dated November 2, 1999.


The references listed above were cited in an Official Action dated August 26, 2003 received from the Japanese Patent Office. Applicants are submitting copies of the above references, together with an English translation of the Examiner's comments regarding the references from the Official Action. Please note that the other references cited in the Official Action, namely, Japanese Laid-Open Patent Application No. H10-217425, dated August 18, 1998 and Japanese Laid-Open Patent Application No. 2001-47601, dated February 20, 2001, were previously submitted in applicants' Information Disclosure Statement dated August 7, 2003. The relevance of the references is described in the Official Action.

In compliance with the requirements of 37 C.F.R. §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the

contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §1.97(c), the statement is enclosed.

Respectfully submitted,


Paul J. Esatto, Jr.
Registration No. 30,749

Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

PJE:AVS:jap

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicants: Hiroshi SAKAI, et al.****Examiner: Kevin L. McHenry****Serial No.: 10/063,915****Group: 1725****Filed: May 23, 2002****Docket: 15574****For: SOLDER PASTE PRINTING METHOD
AND APPARATUS FOR PRINTING
SOLDER PASTE ON A BOARD ON
WHICH WIRING PATTERNS ARE FORMED****Dated: October 9, 2003**

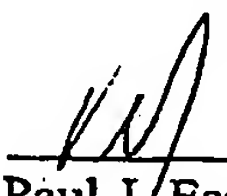
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT PURSUANT
TO 37 C.F.R. § 1.97(c)(1) and (e)(1)****Sir:**

I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 9, 2003.

Dated: October 9, 2003

Paul J. Esatto, Jr.

Accordingly, it is respectfully requested that the accompanying Information Disclosure Statement be considered with respect to the above-identified application.

Respectfully submitted,



Paul J. Esatto, Jr.
Registration No. 30,749

Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

PJE:AVS:jap

PATENT OFFICE DATE STAMP WILL ACKNOWLEDGE RECEIPT OF:

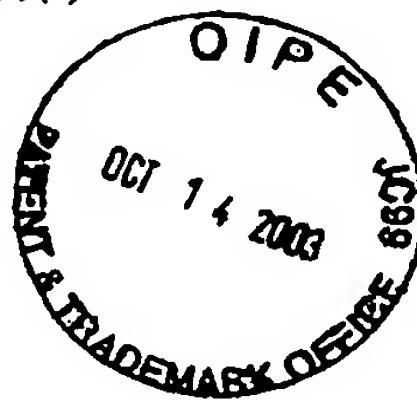
1. Transmittal of Information Disclosure Statement (in duplicate)
2. Information Disclosure Statement
3. PTO-1449
4. Five (5) references
5. Copy of Japanese Official Action
6. Verified English Translation of Examiner's comments
7. Statement Pursuant to 37 C.F.R. §1.97(c)(1) and (e)(1)
8. Certificate of Mailing dated October 9, 2003

Applicant: Hiroshi SAKAI, et al.
Serial No. 10/063,915
Filed: May 23, 2002
For: SOLDER PASTE PRINTING...
Docket: 15574
Dated: October 9, 2003
PJE:AVS:jap

PATENT OFFICE DATE STAMP WILL ACKNOWLEDGE RECEIPT OF:

1. Transmittal of Information Disclosure Statement (in duplicate)
2. Information Disclosure Statement
3. PTO-1449
4. Five (5) references
5. Copy of Japanese Official Action
6. Verified English Translation of Examiner's comments
7. Statement Pursuant to 37 C.F.R. §1.97(c)(1) and (e)(1)
8. Certificate of Mailing dated October 9, 2003

Applicant: Hiroshi SAKAI, et al.
Serial No. 10/063,915
Filed: May 23, 2002
For: SOLDER PASTE PRINTING...
Docket: 15574
Dated: October 9, 2003
PJE:AVS:jap





UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/063,915	05/23/2002	Hiroshi Sakai	15574	4405

23389 7590 05/20/2003

SCULLY SCOTT MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA
GARDEN CITY, NY 11530

EXAMINER

MCHENRY, KEVIN L

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 05/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/063,915

Applicant(s)

SAKAI ET AL.

Examiner

Kevin L McHenry

Art Unit

1725

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☒ Claim(s) 1,5 and 6 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☒ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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NOTICE OF ALLOWANCE AND FEE(S) DUE

23389

7590

12/05/2003

SCULLY SCOTT MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA
GARDEN CITY, NY 11530

EXAMINER

MCHENRY, KEVIN L

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 12/05/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/063,915	05/23/2002	Hiroshi Sakai	15574	4405

TITLE OF INVENTION: SOLDER PASTE PRINTING METHOD AND APPARATUS FOR PRINTING SOLDER PASTE ON A BOARD ON WHICH WIRING PATTERNS ARE FORMED

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	03/05/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.